

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

PEL et al.

Appln. No. 10/522,389

Filed: January 25, 2005

Confirmation No. 8008

Atty. Ref.: 4662-341

T.C. / Art Unit: 1652

Examiner: M.A. Walicka

FOR: GENES FROM *PROPIONIBACTERIUM FREUDENREICHII* ENCODING  
ENZYMES INVOLVED IN VITAMIN B12 BIOSYNTHESIS

\* \* \*

**AMENDMENT UNDER 37 CFR § 1.111**

May 15, 2008

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action November 15, 2007, 2008, entry and consideration of the following amendments and remarks are respectfully requested. Applicants petition for the period for response to be extended by three months. If any fee required to fully consider this response is missing or deficient, Applicants authorize the fee (or any deficiency therein) to be charged to Deposit Account 14-1140 under Order No. 4662-341.

The **claims** are presented on pages 2-11.

Claims 6-8, 13-15, 29-30, 40 and 42-46 are amended.

Claims 1, 3-5, 16-26, 31-32 and 41 are canceled without prejudice or disclaimer.

Claims 47-66 are added.

**Remarks** begin on page 12.